

S. Tufts

1642 七

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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/081,707**

DATE: 10/08/1999
TIME: 15:02:18

INPUT SET: S33605.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

3 (1) General Information:

10 (ii) TITLE OF INVENTION: TISSUE SPECIFIC PRODRUG

12 (iii) NUMBER OF SEQUENCES: 14

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Fish & Richardson P.C.
16 (B) STREET: 225 Franklin Street
17 (C) CITY: Boston
18 (D) STATE: MA
19 (E) COUNTRY: USA
20 (F) ZIP: 02110-2804

22 (v) COMPUTER READABLE FORM:

23 (A) MEDIUM TYPE: Diskette
24 (B) COMPUTER: IBM Compatible
25 (C) OPERATING SYSTEM: Windows 95
26 (D) SOFTWARE: FastSEQ for Windows Version 2.0b

28 (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/081,707
(B) FILING DATE: 19-MAY-1998

32 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: 60/080,046
34 (B) FILING DATE: 30-MAR-1998

(A) APPLICATION NUMBER: 60/047,070
(B) FILING DATE: 19-MAY-1997

39 (viii) ATTORNEY/AGENT INFORMATION:

40 (A) NAME: Heibel, George E.
41 (B) REGISTRATION NUMBER: 42,648
42 (C) REFERENCE/DOCKET NUMBER: 07265/149001

43
44 (1) TELECOMMUNICATION INFORMATION

(A) TELEPHONE: 617/542-5070
(B) TELEFAX: 617/512-8806

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47
48
49 (2) INFORMATION FOR SEQ ID NO:1

56 (ii) MOLECULE TYPE: peptide

57
58 (xi) SEQUENCE DESCRIPTION: SEQ_ID NO:1:

59
60 Ser Lys Leu Gln
61

(2) INFORMATION FOR SEQ ID NO:2

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 4 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

⁷¹ See also the discussion of the "right to privacy" in Part II.

73
74 Ile Ser Tyr Gln
75 1

(2) INFORMATION FOR SEQ ID NO:3

84 (ii) MOLECULE TYPE: peptide

85
86 (vi) SEQUENCE DESCRIPTION: SEQ ID NO:3

87
88 Lys Ser Lys Gln
89 1

(2) INFORMATION FOR SEQ ID NO:4:

93 (i) SEQUENCE CHARACTERISTICS:
94 (A) LENGTH: 5 amino acids
95 (B) TYPE: amino acid
96 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

**RAW SEQUENCE LISTING
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100 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

101

102 Ser Ser Lys Leu Gln

103 1 5

104

105 (2) INFORMATION FOR SEQ ID NO:5:

106

107 (i) SEQUENCE CHARACTERISTICS:

108 (A) LENGTH: 5 amino acids

109 (B) TYPE: amino acid

110 (D) TOPOLOGY: linear

111

112 (ii) MOLECULE TYPE: peptide

113

114 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

115

116 Lys Ile Ser Tyr Gln

117 1 5

118

119 (2) INFORMATION FOR SEQ ID NO:6:

120

121 (i) SEQUENCE CHARACTERISTICS:

122 (A) LENGTH: 5 amino acids

123 (B) TYPE: amino acid

124 (D) TOPOLOGY: linear

125

126 (ii) MOLECULE TYPE: peptide

127

128 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

129

130 Thr Lys Ser Lys Gln

131 1 5

132

133 (2) INFORMATION FOR SEQ ID NO:7:

134

135 (i) SEQUENCE CHARACTERISTICS:

136 (A) LENGTH: 6 amino acids

137 (B) TYPE: amino acid

138 (D) TOPOLOGY: linear

139

140 (ii) MOLECULE TYPE: peptide

141

142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

143

144 His Ser Ser Lys Leu Gln

145 1 5

146

147 (2) INFORMATION FOR SEQ ID NO:8:

148

149 (i) SEQUENCE CHARACTERISTICS:

150 (A) LENGTH: 6 amino acids

151 (B) TYPE: amino acid

152 (D) TOPOLOGY: linear

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153 (ii) MOLECULE TYPE: peptide
154
155 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
156
157 158 Asn Lys Ile Ser Tyr Gln
159 1 5
160
161 (2) INFORMATION FOR SEQ ID NO:9:
162
163 (i) SEQUENCE CHARACTERISTICS:
164 (A) LENGTH: 6 amino acids
165 (B) TYPE: amino acid
166 (D) TOPOLOGY: linear
167
168 (ii) MOLECULE TYPE: peptide
169
170 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
171
172 Ala Thr Lys Ser Lys Gln
173 1 5
174
175 (2) INFORMATION FOR SEQ ID NO:10:
176
177 (i) SEQUENCE CHARACTERISTICS:
178 (A) LENGTH: 7 amino acids
179 (B) TYPE: amino acid
180 (D) TOPOLOGY: linear
181
182 (ii) MOLECULE TYPE: peptide
183
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10
185
186 Glu His Ser Ser Lys Leu Gln
187 1 5
188
189 (2) INFORMATION FOR SEQ ID NO:11:
190
191 (i) SEQUENCE CHARACTERISTICS:
192 (A) LENGTH: 7 amino acids
193 (B) TYPE: amino acid
194 (D) TOPOLOGY: linear
195
196 (ii) MOLECULE TYPE: peptide
197
198 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
199
200 Gln Asn Lys Ile Ser Tyr Gln
201 1 5
202
203 (2) INFORMATION FOR SEQ ID NO:12:
204
205 (i) SEQUENCE CHARACTERISTICS:

**RAW SEQUENCE LISTING
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206 (A) LENGTH: 7 amino acids
207 (B) TYPE: amino acid
208 (D) TOPOLOGY: linear
209
210 (ii) MOLECULE TYPE: peptide
211
212 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
213
214 Glu Asn Lys Ile Ser Tyr Gln
215 1 5
216
217 (2) INFORMATION FOR SEQ ID NO:13:
218
219 (i) SEQUENCE CHARACTERISTICS:
220 (A) LENGTH: 7 amino acids
221 (B) TYPE: amino acid
222 (D) TOPOLOGY: linear
223
224 (ii) MOLECULE TYPE: peptide
225
226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
227
228 Ala Thr Lys Ser Lys Gln His
229 1 5
230
231 (2) INFORMATION FOR SEQ ID NO:14:
232
233 (i) SEQUENCE CHARACTERISTICS:
234 (A) LENGTH: 7 amino acids
235 (B) TYPE: amino acid
236 (D) TOPOLOGY: linear
237
238 (ii) MOLECULE TYPE: peptide
239
240 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
241
242 His Ser Ser Lys Leu Gln Leu
243 1 5
244

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**SEQUENCE VERIFICATION REPORT
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Line

Error

Original Text